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Attach #7

Page 1 of 1

FORM PTO-1449 FIRST SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT				ATTY. DOCKET NO. 1530.0060004		TECH CENTER 1600/2900		APPLICATION NO. 09/557,907	
				APPLICANT Horton et al.					
				FILING DATE April 21, 2000				GROUP 1614	

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PATENT & TRADEMARK OFFICE

U.S. PATENT DOCUMENTS							
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mm	AB2	5,120,832	06/09/1992	Goeddel et al.	530	351	05/11/1990
mm	AC2	5,231,176	07/27/1993	Goeddel et al.	435	69.51	06/09/1992
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FOREIGN PATENT DOCUMENTS							
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	AN						Yes No
	AO						Yes No
	AP						Yes No

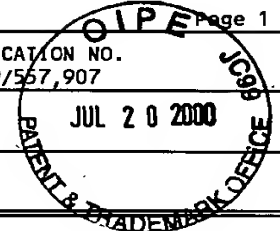
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

Attach #6

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 1530.0060004	APPLICATION NO. 09/09/557,907
	APPLICANT HORTON <i>et al.</i>	
	FILING DATE April 21, 2000	GROUP 1614



U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
mw	AA1	4,897,355	01/30/1990	Eppstein <i>et al.</i>	435	240.2	10/29/1987
	AB1	4,946,787	08/07/1990	Eppstein <i>et al.</i>	435	240.2	10/27/1989
	AC1	5,049,386	09/17/1991	Eppstein <i>et al.</i>	424	427	05/15/1990
	AD1	5,459,127	10/17/1995	Felgner <i>et al.</i>	514	7	09/16/1993
	AE1	5,578,475	11/26/1996	Jessee, J.A.	435	172.3	07/12/1994
	AF1	5,580,859	12/03/1996	Felgner <i>et al.</i>	514	44	03/18/1994
	AG1	5,589,466	12/31/1996	Felgner <i>et al.</i>	514	44	01/26/1995
	AH1	5,676,954	10/14/1997	Brigham, K.L.	424	450	05/08/1995
	AI1	5,693,622	12/02/1997	Wolff <i>et al.</i>	514	44	06/07/1995
	AJ1	5,641,665	06/24/1997	Hobart <i>et al.</i>	435	172.3	11/28/1994
mw	AK1	5,703,055	12/30/1997	Felgner <i>et al.</i>	514	44	01/26/1994

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
mw	AL1	EP 0 170 204	02/05/1986	Europe			Yes No
	AM1	WO 90/11092	10/04/1990	WIPO			Yes No
	AN1	WO 94/29469	12/22/1994	WIPO			Yes No
	AO1	WO 95/14381	06/01/1995	WIPO			Yes No
mw	AP1	WO 95/14651	06/01/1995	WIPO			Yes No

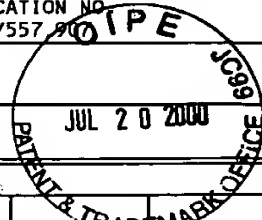
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
mw	AR	1	Adachi, T., <i>et al.</i> , "Tumoricidal effect of human macrophage-colony-stimulating factor against human-ovarian-carcinoma-bearing athymic mice and its therapeutic effect when combined with cisplatin," <i>Cancer Immunol. Immunother.</i> 37:1-6 (1993).
mw	AS	1	Adolf, G.R., "Monoclonal Antibodies and Enzyme Immunoassays Specific for Human Interferon (IFN) ω 1: Evidence that IFN- ω 1 Is a Component of Human Leukocyte IFN," <i>Virology</i> 175:410-417 (1990).
mw	AT	1	Adolf, G.R., <i>et al.</i> , "Human interferon ω 1: isolation of the gene, expression in Chinese hamster ovary cells and characterization of the recombinant protein," <i>Biochim. Biophys. Acta</i> 1089:167-174 (1991).

EXAMINER	DATE CONSIDERED
mw	10.15.01

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
WU	AA2	5,827,703	10/27/1998	Debs <i>et al.</i>	435	172.3	05/19/1994
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I	AM2	WO 96/18372	06/20/1996	WIPO			Yes No
	AN2	WO 96/26179	08/29/1996	WIPO			Yes No
	AO2	WO 96/40962	12/19/1996	WIPO			Yes No
WU	AP2	WO 96/40963	12/19/1996	WIPO			Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

WU	AR	2	Adolf, G.R., "Human interferon omega - a review," Multiple Sclerosis 1:S44-S47 (1995).
WU	AS	2	Almadrones, L., <i>et al.</i> , "Arterial, Peritoneal, and Intraventricular Access Devices," <i>Sem. Oncol. Nursing</i> 11:194-202 (1995).
WU	AT	2	Aihara, H., and Miyazaki, J.-I., "Gene transfer into muscle by electroporation in vivo," <i>Nature Biotechnol.</i> 16:867-870 (September 1998).

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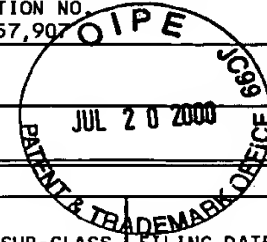
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LM	AL3	WO 96/41873	12/27/1996	WIPO	—	—	Yes No
	AM3	WO 97/00241	01/03/1997	WIPO	—	—	Yes No
	AN3	WO 97/00085	01/03/1997	WIPO	—	—	Yes No
	AO3	EP 0 465 529	4/29/1998	Europe	—	—	Yes No
MM	AP3	WO 99/64615	12/16/1999	WIPO	—	—	Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

MM	AR	3	Baron, S., <i>et al.</i> , "The Interferons. Mechanisms of Action and Clinical Applications," <i>JAMA</i> 266:1375-1383 (1991).
MM	AS	3	Bast Jr., R.C., <i>et al.</i> , "Immunotherapy of a murine ovarian carcinoma with <i>Corynebacterium parvum</i> and specific heteroantiserum. I. Activation of Peritoneal Cells to Mediate Antibody-Dependent Cytotoxicity," <i>J. Immunol.</i> 123:1945-1951 (1979).
MM	AT	3	Beldegrun, A., <i>et al.</i> , "Human Renal Carcinoma Line Transfected With Interleukin-2 and/or Interferon α Gene(s): Implications for Live Cancer Vaccines," <i>J. Natl. Cancer Inst.</i> 85:207-216 (1993).

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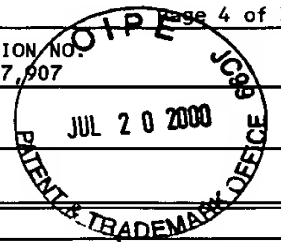
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

W	AR	4	Beller, U., <i>et al.</i> , "Phase IB Study of Low-Dose Intraperitoneal Recombinant Interleukin-2 in Patients with Refractory Advanced Ovarian Cancer: Rationale and Preliminary Report," <i>Gynecol. Oncol.</i> 34:407-412 (1989).
W	AS	4	Benedetti Panici, P., <i>et al.</i> , "Recombinant interleukin-2 continuous infusion in ovarian cancer patients with minimal residual disease at second-look," <i>Cancer Treatment Rev.</i> 16(Supplement A):123-127 (1989).
W	AT	4	Berek, J.S., <i>et al.</i> , "Immunotherapy with Biochemically Dissociated Fractions of <i>Propionibacterium acnes</i> in a Murine Ovarian Cancer Model," <i>Cancer Res.</i> 44:1871-1875 (1984).

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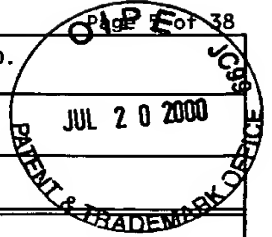
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	5	Bramson, J., <i>et al.</i> , "Construction of a Double Recombinant Adenovirus Vector Expressing a Heterodimeric Cytokine: <i>In Vitro</i> and <i>In Vivo</i> Production of Biologically Active Interleukin-12," <i>Hum. Gene Ther.</i> 7:333-342 (February 1996).
AS	5	Budker, V., <i>et al.</i> , "The efficient expression of intravascularly delivered DNA in rat muscle," <i>Gene Ther.</i> 5:272-276 (1998).
AT	5	Capon, D.J., <i>et al.</i> , "Two Distinct Families of Human and Bovine Interferon- α Genes Are Coordinately Expressed and Encode Functional Polypeptides," <i>Mol. Cell. Biol.</i> 5:768-779 (1985).

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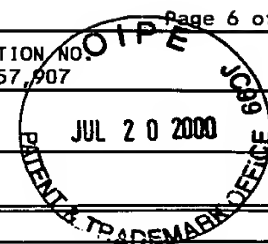
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	AM						Yes No
	AN						Yes No
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	6	Chapman, P.B., <i>et al.</i> , "A phase I trial of intraperitoneal recombinant interleukin 2 in patients with ovarian carcinoma," <i>Investig. New Drugs</i> 6:179-188 (1988).
	AS	6	Childers, J.M., <i>et al.</i> , "Laparoscopic Surgical Staging of Ovarian Cancer," <i>Gynecol. Oncol.</i> 59:25-33 (1995).
	AT	6	Clement, P.B., "Reactive Tumor-Like Lesions of the Peritoneum," <i>Am. J. Clin. Pathol.</i> 103:673-676 (1995).

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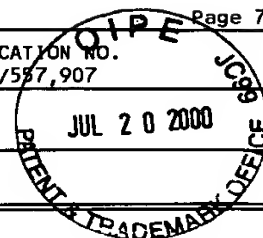
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 1530.0060004

APPLICATION NO.
 09/09/587,907

APPLICANT
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	Z	Coll, J.-L., <i>et al.</i> , "Long-term survival of immunocompetent rats with intraperitoneal colon carcinoma tumors using herpes simplex thymidine kinase/genciclovir and IL-2 treatments," <i>Gene Ther.</i> 4:1160-1166 (November 1997).
	AS	Z	Danko, I., <i>et al.</i> , "Pharmacological enhancement of <i>in vivo</i> foreign gene expression in muscle," <i>Gene Ther.</i> 1:114-121 (1994).
	AT	Z	Davis, H.L., <i>et al.</i> , "Direct Gene Transfer into Skeletal Muscle <i>In Vivo</i> : Factors Affecting Efficiency of Transfer and Stability of Expression," <i>Hum. Gene Ther.</i> 4:151-159 (1993).

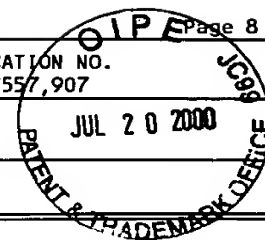
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	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	8	Doh, S.G., <i>et al.</i> , "Spatial-temporal patterns of gene expression in mouse skeletal muscle after injection of lacZ plasmid DNA," <i>Gene Ther.</i> 4:648-663 (1997).
	AS	8	Dougherty, G.J., <i>et al.</i> , "Inhibitory effect of locally produced and exogenous interleukin-6 on tumor growth <i>in vivo</i> ," <i>Cancer Immunol. Immunother.</i> 38:339-345 (1994).
	AT	8	Edwards, R.P., <i>et al.</i> , "Comparison of Toxicity and Survival Following Intraperitoneal Recombinant Interleukin-2 for Persistent Ovarian Cancer After Platinum: Twenty-Four-Hour Versus 7-Day Infusion," <i>J. Clin. Oncol.</i> 15:3399-3407 (1997).

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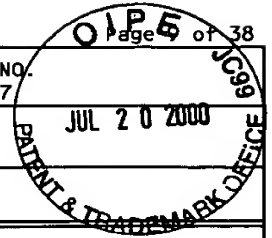
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	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	2	Feinstein, S.I., <i>et al.</i> , "Family of Human α -Interferon-Like Sequences," <i>Mol. Cell. Biol.</i> 5:510-517 (1985).
	AS	2	Felgner, P.L., <i>et al.</i> , "Lipofection: A highly efficient, lipid-mediated DNA-transfection procedure," <i>Proc. Natl. Acad. Sci. USA</i> 84:7413-7417 (1987).
	AT	2	Felgner, P.L., and Ringold, G.M., "Cationic liposome-mediated transfection," <i>Nature</i> 337:387-388 (1989).

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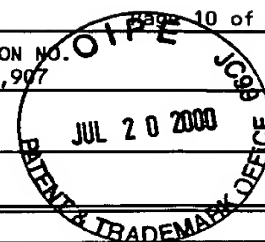
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	AO						Yes No
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

KEE	AR	10	Felgner, J.H., <i>et al.</i> , "Enhanced Gene Delivery and Mechanism Studies with a Novel Series of Cationic Lipid Formulations," <i>J. Biol. Chem.</i> 269:2550-2561 (1994).
WD	AS	10	Ferrantini, M., <i>et al.</i> , " α_1 -Interferon Gene Transfer into Metastatic Friend Leukemia Cells Abrogated Tumorigenicity in Immunocompetent Mice: Antitumor Therapy by Means of Interferon-producing Cells," <i>Cancer Res.</i> 53:1107-1112 (1993).
MM	AT	10	Ferrantini, M., <i>et al.</i> , "IFN- α 1 Gene Expression into a Metastatic Murine Adenocarcinoma (TS/A) Results in CD8 ⁺ T Cell-Mediated Tumor Rejection and Development of Antitumor Immunity. Comparative Studies with IFN- γ -Producing TS/A Cells," <i>J. Immunol.</i> 153:4604-4615 (1994).

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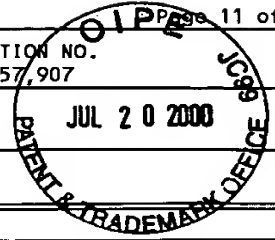
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<i>KW</i>	AR	<u>11</u>	Fjeld, J.G., <i>et al.</i> , "Radio-immunotargeting in experimental animal models of intraperitoneal cancer," <i>Acta Obstet. Gynecol. Scand. Suppl.</i> 71:105-111 (1992).
<i>UW</i>	AS	<u>11</u>	Flores, I., <i>et al.</i> , "Human Interferon Omega (ω) Binds to the α/β Receptor," <i>J. Biol. Chem.</i> 266:19875-19877 (1991).
<i>NU</i>	AT	<u>11</u>	Forstner, R., <i>et al.</i> , "Ovarian Cancer Recurrence: Value of MR Imaging," <i>Radiology</i> 196:715-720 (1995).

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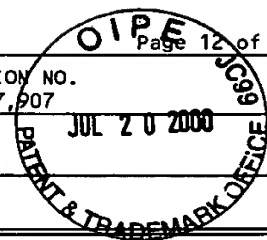
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	AR	<u>12</u>	Freedman, R.S., <i>et al.</i> , "Intraperitoneal Adoptive Immunotherapy of Ovarian Carcinoma with Tumor-Infiltrating Lymphocytes and Low-Dose Recombinant Interleukin-2: A Pilot Trial," <i>J. Immunother.</i> 16:198-210 (1994).
	AS	<u>12</u>	Friedman, R.M., "Pharmacology of interferons in humans," in: <i>Interferons: A Primer</i> , Academic Press, New York, pp. 104-115 (1981).
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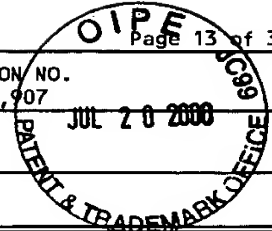
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	AR	<u>13</u>	Gough, N.M., <i>et al.</i> , "Structure and expression of the mRNA for murine granulocyte-macrophage colony stimulating factor," <i>EMBO J.</i> 4:645-653 (1985).
	AS	<u>13</u>	Gramzinski, R.A., <i>et al.</i> , "Immune Response to a Hepatitis B DNA Vaccine in Aotus Monkeys: A Comparison of Vaccine Formulation, Route, and Method of Administration," <i>Mol. Med.</i> 4:109-118 (1998).
	AT	<u>13</u>	Hamilton, T.C., "Ovarian Cancer, Part I: Biology," <i>Curr. Probl. Cancer</i> , pp. 3-57 (1992).

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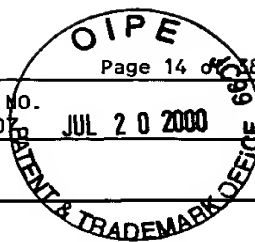
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	AR	14	Hartikka, J., <i>et al.</i> , "An Improved Plasmid DNA Expression Vector for Direct Injection into Skeletal Muscle," <i>Hum. Gene Ther.</i> 7:1205-1217 (June 1996).
	AS	14	Hauptmann, R., and Swetly, P., "A novel class of human type I interferons," <i>Nucl. Acids Res.</i> 13:4739-4749 (1985).
	AT	14	Huang, H., <i>et al.</i> , "Gene therapy for hepatocellular carcinoma: long-term remission of primary and metastatic tumors in mice by interleukin-2 gene therapy <i>in vivo</i> ," <i>Gene Ther.</i> 3:980-987 (November 1996).

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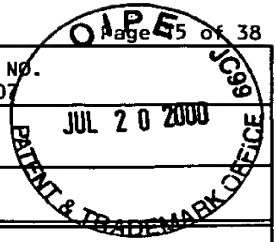
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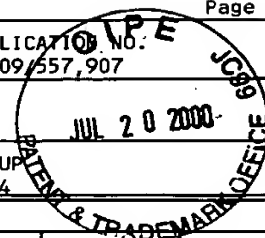
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	AR	<u>16</u>	Kariko, K., <i>et al.</i> , "Phosphate-enhanced transfection of cationic lipid-complexed mRNA and plasmid DNA," <i>Biochim. Biophys. Acta</i> 1369:320-334 (1998).
	AS	<u>16</u>	Kashima, N., <i>et al.</i> , "Unique structure of murine interleukin-2 as deduced from cloned cDNAs," <i>Nature</i> 313:402-404 (1985).
	AT	<u>16</u>	Kataoka, A., <i>et al.</i> , "A Study on the Distribution of Metastases at Autopsy in 70 Patients with Ovarian Cancer," <i>Acta Obstet. Gynaecol. Jpn.</i> 46:337-344 (1994).

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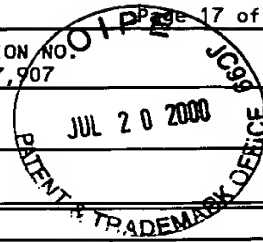
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	AR	<u>17</u>	Kichler, A., <i>et al.</i> , "Influence of the DNA complexation medium on the transfection efficiency of lipospermine/DNA particles," <i>Gene Ther.</i> 5:855-860 (1998).
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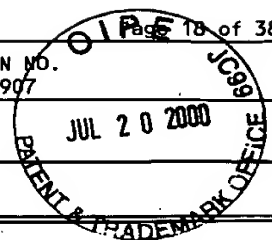
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uu	AR	18	Knapp, R.C., and Berkowitz, R.S., "Corynebacterium parvum as an immunotherapeutic agent in an ovarian cancer model," <i>Am. J. Obstet. Gynecol.</i> 128:782-786 (1977).
ny	AS	18	Kubeš, M., <i>et al.</i> , "Cross-Species Antiviral and Antiproliferative Activity of Human Interferon- ω ," <i>J. Interferon Res.</i> 14:57-59 (1994).
nu	AT	18	Labhasetwar, V., <i>et al.</i> , "A DNA Controlled-Release Coating for Gene Transfer: Transfection in Skeletal and Cardiac Muscle," <i>J. Pharma. Sci.</i> 87:1347-1350 (November 1998).

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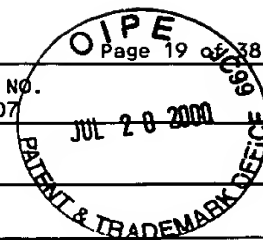
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	AR	19	Lawson, C.M., <i>et al.</i> , "In Vivo Expression of an Interferon- α Gene by Intramuscular Injection of Naked DNA," <i>J. Interferon and Cytokine Res.</i> 17:255-261 (May 1997).
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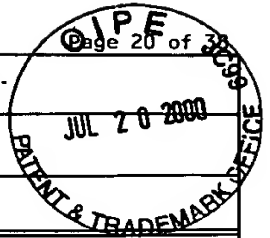
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	AR	<u>20</u>	Lotze, M.T., <i>et al.</i> , "Intraperitoneal Administration of Interleukin-2 in Patients With Cancer," <i>Arch. Surg.</i> 121:1373-1379 (1986).
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	AR	<u>21</u>	Mathiesen, I., "Electropermeabilization of skeletal muscle enhances gene transfer <i>in vivo</i> ," <i>Gene Ther.</i> 6:508-514 (1999).
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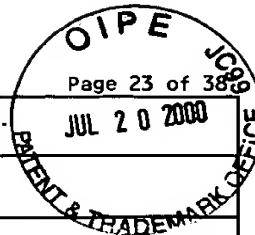
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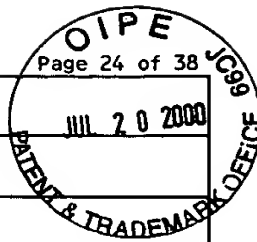
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	AS	<u>23</u>	Norman, J., <i>et al.</i> , "Adjuvants for Plasmid DNA Vaccines," from <i>Methods in Molecular Medicine</i> , vol. 29, <i>DNA Vaccines: Methods and Protocols</i> , D.B. Lowrie and R.G. Whalen, Humana Press Inc., Totowa, N.J. pp. 185-196 (1999).
	AT	<u>23</u>	Ogura, H., <i>et al.</i> , "Implantation of Genetically Manipulated Fibroblasts into Mice as Antitumor α -Interferon Therapy," <i>Cancer Res.</i> 50:5102-5106 (1990).

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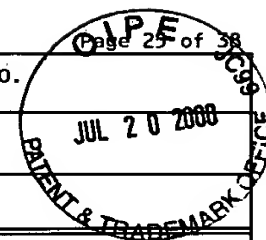
ATTY. DOCKET NO.
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APPLICATION NO.
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	AR	<u>25</u>	Porgador, A., <i>et al.</i> , "Interleukin 6 Gene Transfection into Lewis Lung Carcinoma Tumor Cell Suppresses the Malignant Phenotype and Confers Immunotherapeutic Competence Against Parental Metastatic Cells," <i>Cancer Res.</i> 52:3679-3686 (1992).
	AS	<u>25</u>	Qin, Y.-J., <i>et al.</i> , "Gene Suture - A Novel method for Intramuscular Gene Transfer and its Application in Hypertension Therapy," <i>Life Sciences</i> 65:2193-2203 (1999).
	AT	<u>25</u>	Quesada, J.R., <i>et al.</i> , "Treatment of Hairy Cell Leukemia With Recombinant α -Interferon," <i>Blood</i> 68:493-497 (1986).

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	AR	<u>26</u>	Rakhmievich, A.L., <i>et al.</i> , "Cytokine gene therapy of cancer using gene gun technology: superior antitumor activity of interleukin-12," <i>Hum. Gene Ther.</i> 8:1303-1311 (July 1997).
	AS	<u>26</u>	Raz, E., <i>et al.</i> , "Systemic immunological effects of cytokine genes injected into skeletal muscle," <i>Proc. Natl. Acad. Sci. USA</i> 90:4523-4527 (1993).
	AT	<u>26</u>	Raz, E., <i>et al.</i> , "Modulation of disease activity in murine systemic lupus erythematosus by cytokine gene delivery," <i>Lupus</i> 4:286-292 (1995).

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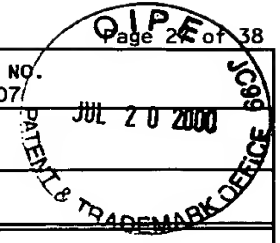
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	AR	<u>27</u>	Rizzuto, G., <i>et al.</i> , "Efficient and regulated erythropoietin production by naked DNA injection and muscle electroporation," <i>Proc. Natl. Acad. Sci. USA</i> 96:6417-6422 (May 1999).
	AS	<u>27</u>	Ross, G., <i>et al.</i> , "Gene Therapy in the United States: A Five-Year Status Report," <i>Hum. Gene Ther.</i> 7:1781-1790 (September 1996).
	AT	<u>27</u>	Rubin, J., <i>et al.</i> , "Phase I study of immunotherapy of hepatic metastases of colorectal carcinoma by direct gene transfer of an allogeneic histocompatibility antigen, HLA-B7," <i>Gene Ther.</i> 4:419-425 (May 1997).

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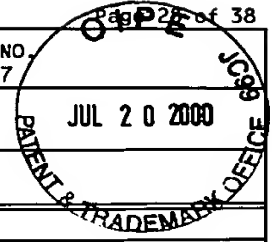
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	AR	<u>28</u>	Saffran, D.C., <i>et al.</i> , "Immunotherapy of established tumors in mice by intratumoral injection of interleukin-2 plasmid DNA: Induction of CD8 ⁺ T-cell immunity," <i>Cancer Gene Ther.</i> 5:321-330 (September-October 1998).
	AS	<u>28</u>	San, H., <i>et al.</i> , "Safety and Short-term Toxicity of a Novel Cationic Lipid Formulation for Human Gene Therapy," <i>Hum. Gene Ther.</i> 4:781-788 (1993).
	AT	<u>28</u>	Santodonato, L., <i>et al.</i> , "Cure of Mice with Established Metastatic Friend Leukemia Cell Tumors by a Combined Therapy with Tumor Cells Expressing Both Interferon- α 1 and Herpes Simplex Thymidine Kinase Followed by Ganciclovir," <i>Hum. Gene Ther.</i> 7:1-10 (January 1996).

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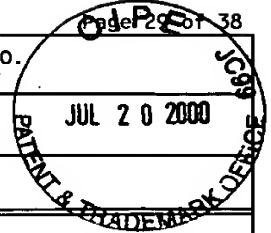
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	AR	<u>29</u>	Santodonato, L., <i>et al.</i> , "Local and systemic antitumor response after combined therapy of mouse metastatic tumors with tumor cells expressing IFN- α and HSVtk: perspectives for the generation of cancer vaccines," <i>Gene Ther.</i> 4:1246-1255 (November 1997).
	AS	<u>29</u>	Smith, B.F., <i>et al.</i> , "Humoral and cellular immune responses of dogs immunized with a nucleic acid vaccine encoding human carcinoembryonic antigen," <i>Gene Ther.</i> 5:865-868 (1998).
	AT	<u>29</u>	Son, K., "Cisplatin-based interferon γ gene therapy of murine ovarian carcinoma," <i>Cancer Gene Ther.</i> 4:391-396 (November-December 1997).

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	AR	<u>30</u>	Sparano, J.A., <i>et al.</i> , "Phase II Trials of High-Dose Interleukin-2 and Lymphokine-Activated Killer Cells in Advanced Breast Carcinoma and Carcinoma of the Lung, Ovary, and Pancreas and Other Tumors," <i>J. Immunother.</i> 16:216-223 (1994).
	AS	<u>30</u>	Steis, R.G., <i>et al.</i> , "Intraperitoneal Lymphokine-Activated Killer-Cell and Interleukin-2 Therapy for Malignancies Limited to the Peritoneal Cavity," <i>J. Clin. Oncol.</i> 8:1618-1629 (1990).
	AT	<u>30</u>	Stewart, H.J., <i>et al.</i> , "Interferon sequence homology and receptor binding activity of ovine trophoblast antiluteolytic protein," <i>J. Endocr.</i> 115:R13-R15 (1987).

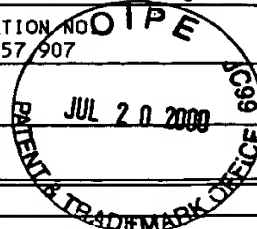
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	AO						Yes No
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	AR	<u>31</u>	Stewart, J.A., <i>et al.</i> , "Phase I Trial of Intraperitoneal Recombinant Interleukin-2/Lymphokine-activated Killer Cells in Patients with Ovarian Cancer," <i>Cancer Res.</i> 50:6302-6310 (1990).
	AS	<u>31</u>	Stopeck, A.T., <i>et al.</i> , "Phase I Study of Direct Gene Transfer of an Allogeneic Histocompatibility Antigen, HLA-B7, in Patients With Metastatic Melanoma," <i>J. Clin. Oncol.</i> 15:341-349 (January 1997).
	AT	<u>31</u>	Sugaya, S., <i>et al.</i> , "Inhibition of Tumor Growth by Direct Intratumoral Gene Transfer of Herpes Simplex Virus Thymidine Kinase Gene with DNA-Liposome Complexes," <i>Hum. Gene Ther.</i> 7:223-230 (January 1996).

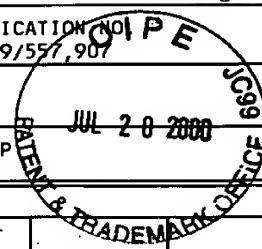
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uw	AR	32	Szala, S., <i>et al.</i> , "The use of cationic liposomes DC-CHOL/DOPE and DDAB/DOPE for direct transfer of <i>Escherichia coli</i> cytosine deaminase gene into growing melanoma tumors," <i>Gene Ther.</i> 3:1026-1031 (November 1996).
rw	AS	32	Thomason, D.B., and Booth, F.W., "Stable incorporation of a bacterial gene into adult rat skeletal muscle <i>in vivo</i> ," <i>Am J Physiol.</i> 258:C578-C581 (March 1990).
rw	AT	32	Tokui, M., <i>et al.</i> , "Intramuscular Injection of Expression Plasmid DNA Is an Effective Means of Long-Term Systemic Delivery of Interleukin-5," <i>Biochem. Biophys. Res. Comm.</i> 233:527-531 (April 1997).

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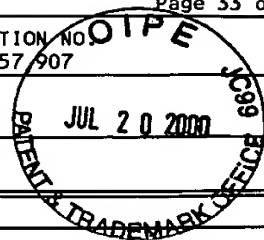
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	AR	<u>33</u>	Tone, Y., <i>et al.</i> , "Structure and chromosomal location of the mouse interleukin-12 p35 and p40 subunit genes," <i>Eur. J. Immunol.</i> 26:1222-1227 (June 1996).
	AS	<u>33</u>	Urba, W.J., <i>et al.</i> , "Intraperitoneal Lymphokine-Activated Killer Cell/Interleukin-2 Therapy in Patients With Intra-abdominal Cancer: Immunologic Considerations," <i>J. Natl. Cancer Inst.</i> 81:602-611 (1989).
	AT	<u>33</u>	Vanhaelen, C.P.J., and Fisher, R.I., "Requirements for Successful Immunotherapy and Chemoimmunotherapy of a Murine Model of Ovarian Cancer," <i>Cancer Res.</i> 41:980-983 (1981).

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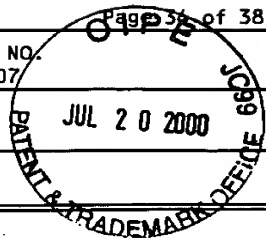
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	AT	<u>34</u>	West, W.H., <i>et al.</i> , "Constant-infusion recombinant interleukin-2 in adoptive immunotherapy of advanced cancer," <i>New Engl. J. Med.</i> 316:898-905 (1987).

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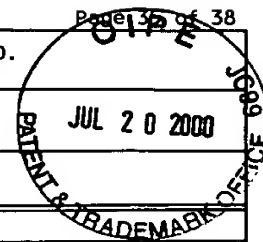
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	AS	<u>35</u>	Winnacker, <i>From Genes to Clones</i> , Weinheim, Germany, pg. 290-293 (1987).
	AT	<u>35</u>	Wolff, J.A., <i>et al.</i> , "Conditions Affecting Direct Gene Transfer into Rodent Muscle <i>In Vivo</i> ," <i>BioTechniques</i> 11:474-485 (1991).

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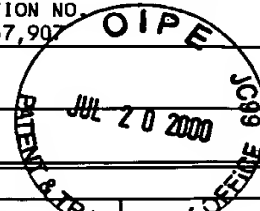
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UN	AR	36	Yagi, K., <i>et al.</i> , "Interferon- β endogenously produced by intratumoral injection of cationic liposome-encapsulated gene: cytotoxic effect on glioma transplanted into nude mouse brain," <i>Biochem. Mol. Biol. Intl.</i> 32:167-171 (1994).
UN	AS	36	Yankauckas, M.A., <i>et al.</i> , "Direct Intratumor Injections of IL-2 Plasmid DNA: An Effective Method for Immunotherapy," <i>J. Cell. Biochem. Suppl.</i> 21A:429, Abstr. C6-552 (1995).
UN	AT	36	Yeow, W.-S., <i>et al.</i> , "Antiviral Activities of Individual Murine IFN- α Subtypes In Vivo: Intramuscular Injection of IFN Expression Constructs Reduces Cytomegalovirus Replication," <i>J. Immunol.</i> 160:2932-2939 (March 1998).

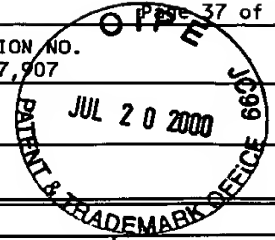
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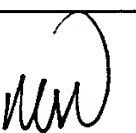
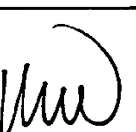
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	AP						Yes No

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	AR	<u>37</u>	Yu, D., <i>et al.</i> , "Liposome-mediated <i>in vivo</i> E1A gene transfer suppressed dissemination of ovarian cancer cells that overexpress HER-2/neu," <i>Oncogene</i> 11:1383-1388 (1995).
	AS	<u>37</u>	Zhang, J.F., <i>et al.</i> , "Gene therapy with an adeno-associated virus carrying an interferon gene results in tumor growth suppression and regression," <i>Cancer Gene Ther.</i> 3:31-38 (January-February 1996).
	AT	<u>37</u>	Zhang, J.-F., <i>et al.</i> , "Treatment of a human breast cancer xenograft with an adenovirus vector containing an interferon gene results in rapid regression due to viral oncolysis and gene therapy," <i>Proc. Natl. Acad. Sci. USA</i> 93:4513-4518 (April 1996).

EXAMINER



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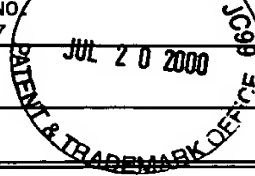
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INFORMATION DISCLOSURE STATEMENT

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

WU	AR	<u>38</u>	English language abstract of EP 0 170 204 (Document AL1), Derwent World Patent Index, WPI Accession No. 1986-036962/198606.
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	AT	<u>38</u>	

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